

# Declaration of Performance (DoP) ISOKING-2002320 ©



## HARMONISED STANDARD EN 14303:2010+A1:2013

Thermal insulation products for building equipment and industrial installations  
Factory made mineral wool (MW) products – Specifications.

**1: Unique Identification Code of Product:** ROCKWOOL RW-200 (INS)

**2: Introduction:** InsulCore® in partnership with ISOIKING® ROCKWOOL(RW) BOARD products are a rigid insulation board that is A1 non-combustible, water repellent, fire resistant and sound absorbent. This product is a general all-purpose board has low thermal conductivity. Superior compressive resistance and excellent site durability. InsulCore® ISOIKING® (RW) products are compliant and certified to meet the European Harmonised Standards (CPD/CPR) for Construction Products. InsulCore® ISOIKING® (RW) BOARD carries the CE Marking of compliance.

**3: Name, of registered trade name or trademark and contact address of the manufacturer:** available by request.

**4: Intended use:** Thermal insulation for residential and commercial construction and buildings.

### 5: Technical Parameters:

| Property                          | Performance   | Standard   |
|-----------------------------------|---|--|
| Max Service Temperature           | 650-750c  | EN 14303:2009+A1:2013 (EN 14707)<br>ASTM C411                |
| Reaction to Fire: A1 <sub>L</sub> | Surface burning characteristics: Flame spread=passed<br>Smoke development= passed | EN 14303:2009+A1:2013 (EN 13501-1)<br>ASTM E 84<br>AS 1530.1 |
| Shot content                      | < 25% by weight   | EN 14303:2009+A1:2013 (EN 13472)<br>ASTM C612                |
| Fungi Growth                      | Does not encourage fungi growth   | EN 14303:2009+A1:2013<br>ASTM C665                           |
| Corrosion Effect                  | Ph7 or slightly Alkaline  | EN 14303:2009+A1:2013<br>ASTM C692-77                        |
| Thermal conductivity              | 0.038   | EN 14303:2009+A1:2013 (EN ISO 8497)<br>ASTM C 518            |
| Compression resistance            | >10 KN/m2   | EN 14303:2009+A1:2013<br>ASTM C165-07                        |
| Water absorption                  | Moisture sorption < 1 % by weight   | EN 14303:2009+A1:2013<br>ASTM C1104                          |
| Release of Dangerous Substance    | Free from: Asbestos and Formaldehyde<br>No: HCFCs, CFCs, HFCs                     | EN 14303:2009+A1:2013  |
| Durability                        | NPD <sup>1)</sup>   | EN 14303:2009+A1:2013  |

### 6: Acoustical Performance EN 14303:2009+A1:2013 (EN ISO 354) ASTM C423

| Thickness | CO-EFFICIENTS AT FREQUENCIES |        |        |         |         |         | NRC  |
|-----------|------------------------------|--------|--------|---------|---------|---------|------|
|           | 125 Hz                       | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz |      |
| 1.5"      | 0.21                         | 0.64   | 0.92   | 1.00    | 0.95    | 1.01    | 0.90 |
| 2.0"      | 0.43                         | 0.78   | 0.90   | 0.97    | 0.97    | 1.00    | 0.90 |
| 3.0"      | 0.75                         | 0.82   | 0.89   | 0.94    | 1.00    | 1.00    | 0.90 |

### 7: Specification Range:

| Item      | Unit  | Index  |
|-----------|-------|--------|
| Density   | kg/m3 | 40-200 |
| Length    | mm    | 1200   |
| Width     | mm    | 600    |
| Thickness | mm    | 40-200 |

Note: The technical data sheets are based on tests performed data from independent ILAC / NATA Certified Laboratories. Nothing herein is to be construed as a warranty or representation outside of the disclosed product disclosure. [www.rescombp.com](http://www.rescombp.com) or [rescombp@rescombp.com](mailto:rescombp@rescombp.com)

Signed for and on behalf of the manufacturer by:

*:Stephin-John*  
*All Rights Reserved*  
Product Technical Manager

